

2459-1-003 CTP

Structure-based sequence homology alignment of bromodomains

ZA Loop

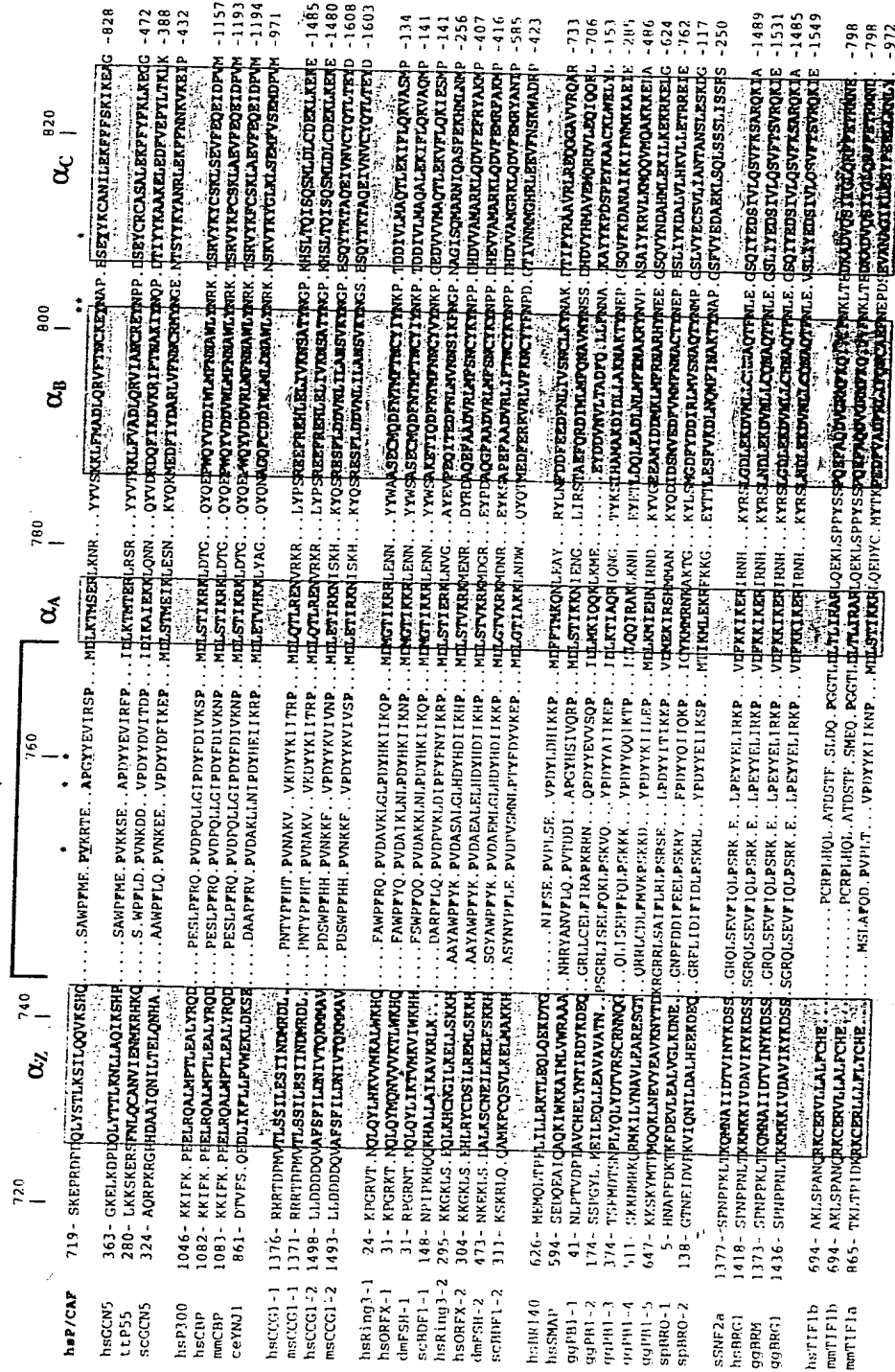


Figure 1

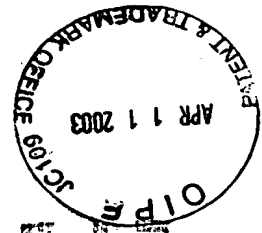


Figure 2A-2D



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Three-Dimensional Structure of the P/CAF Bromodomain

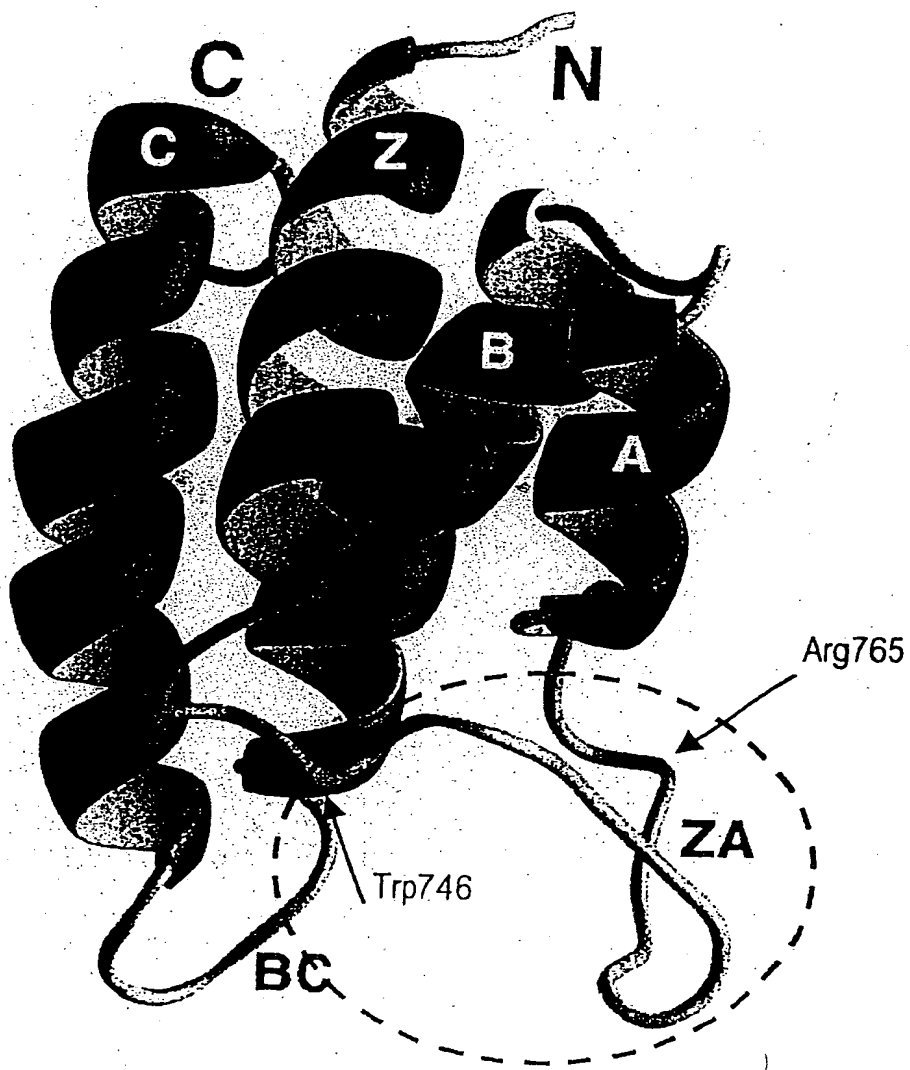
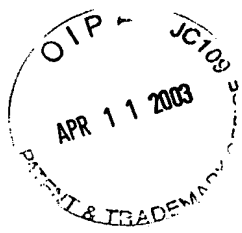


Figure 2E



0072459-1-003

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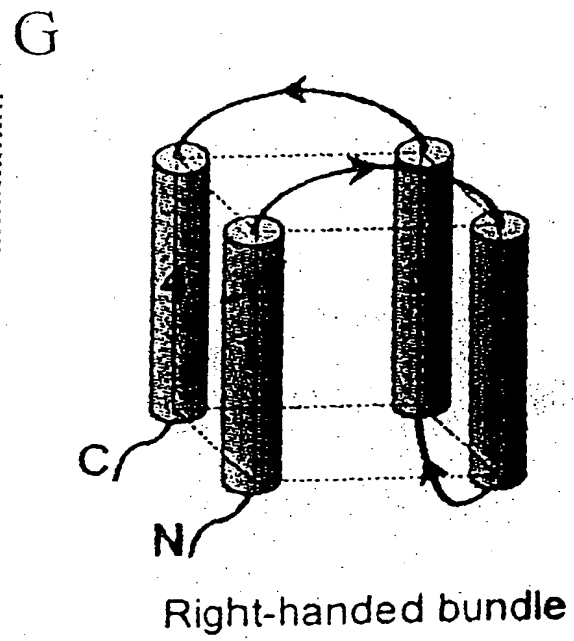
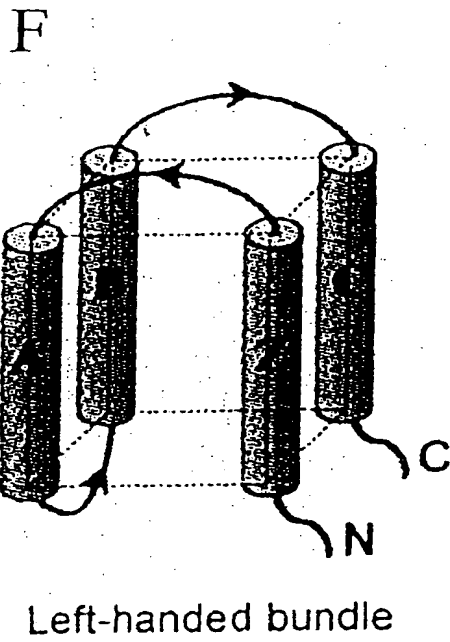


Figure 2F-2G



09784553.044103

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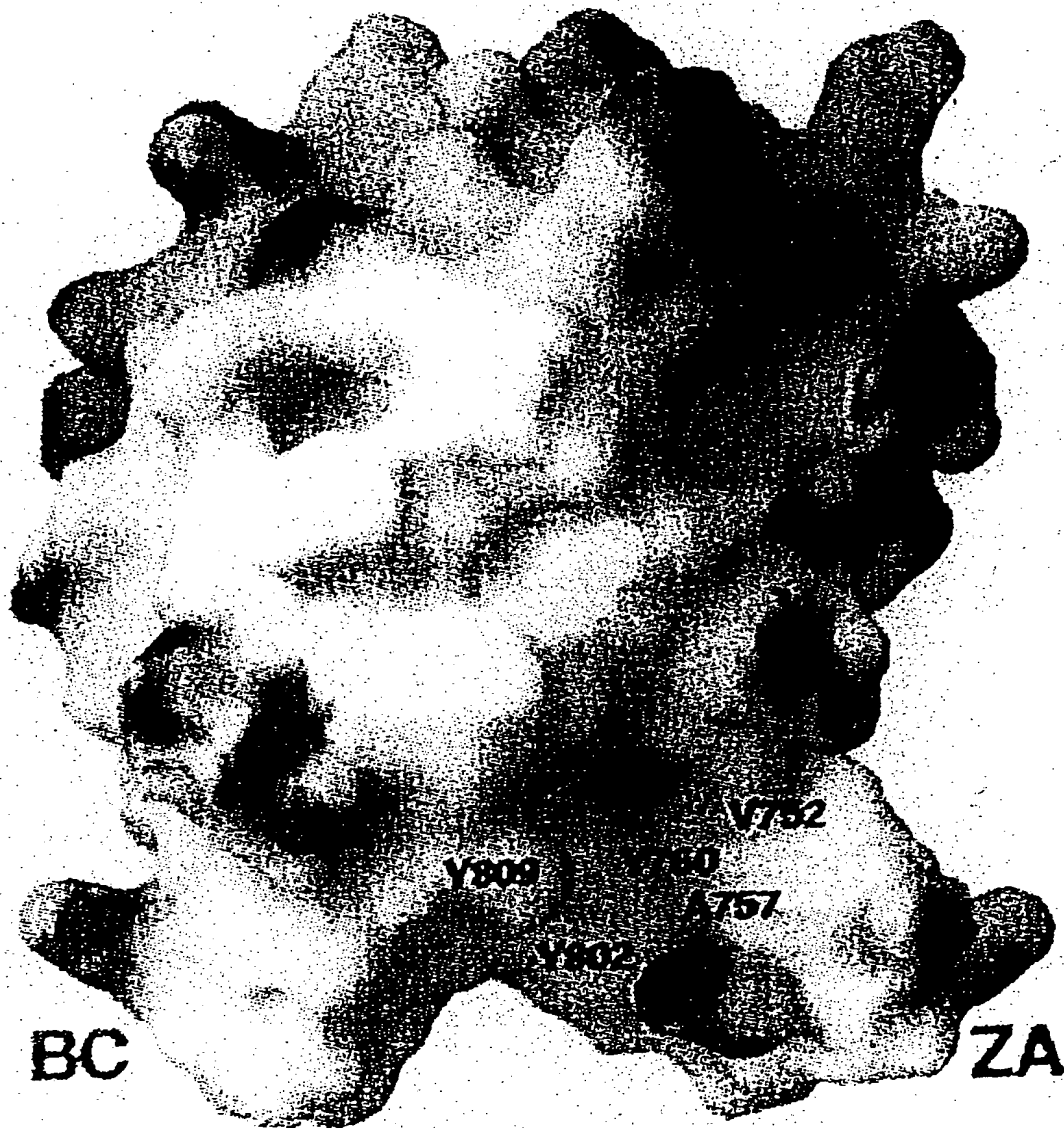


Figure 2H



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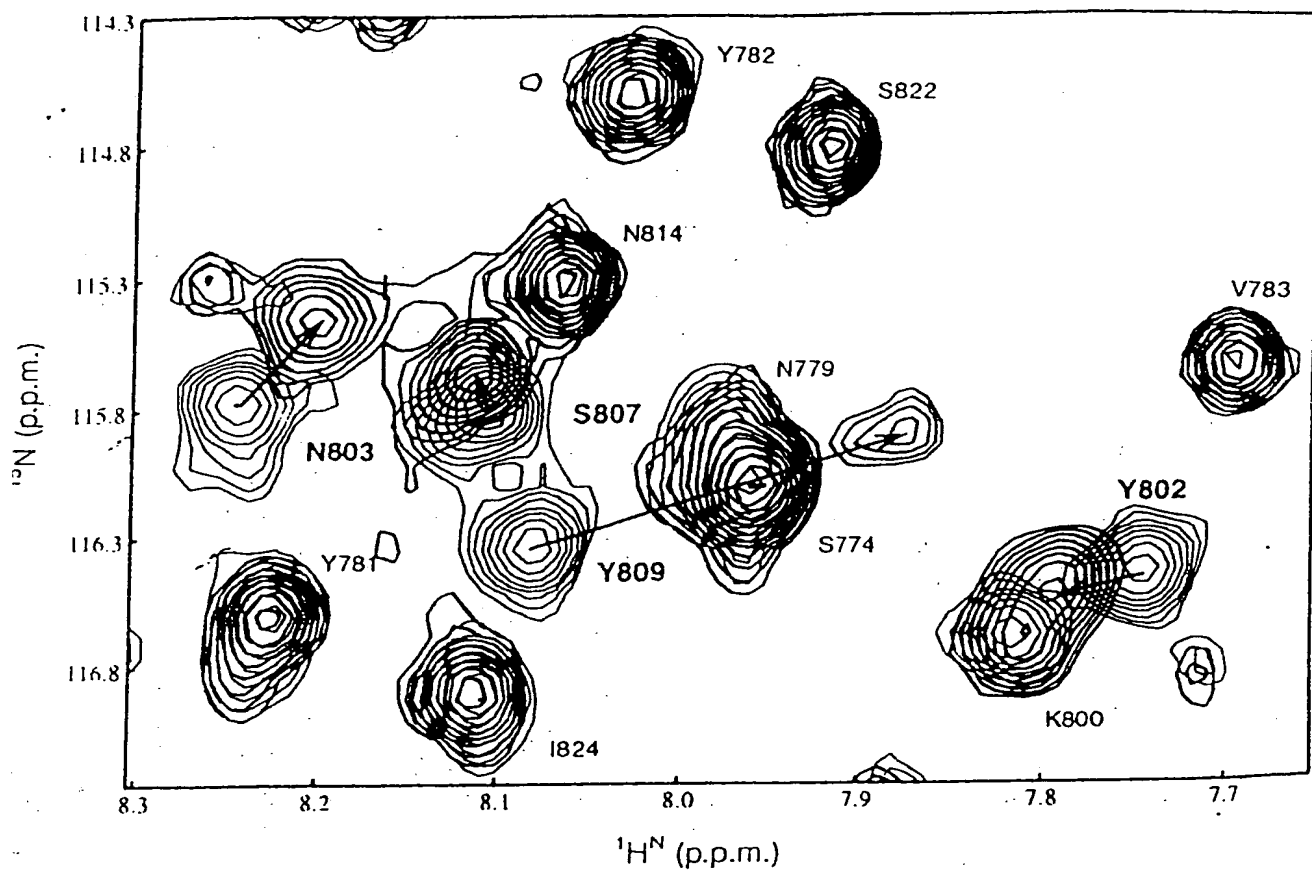
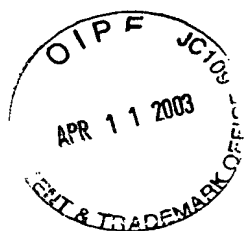


Figure 3A



2459-1-003 CIP

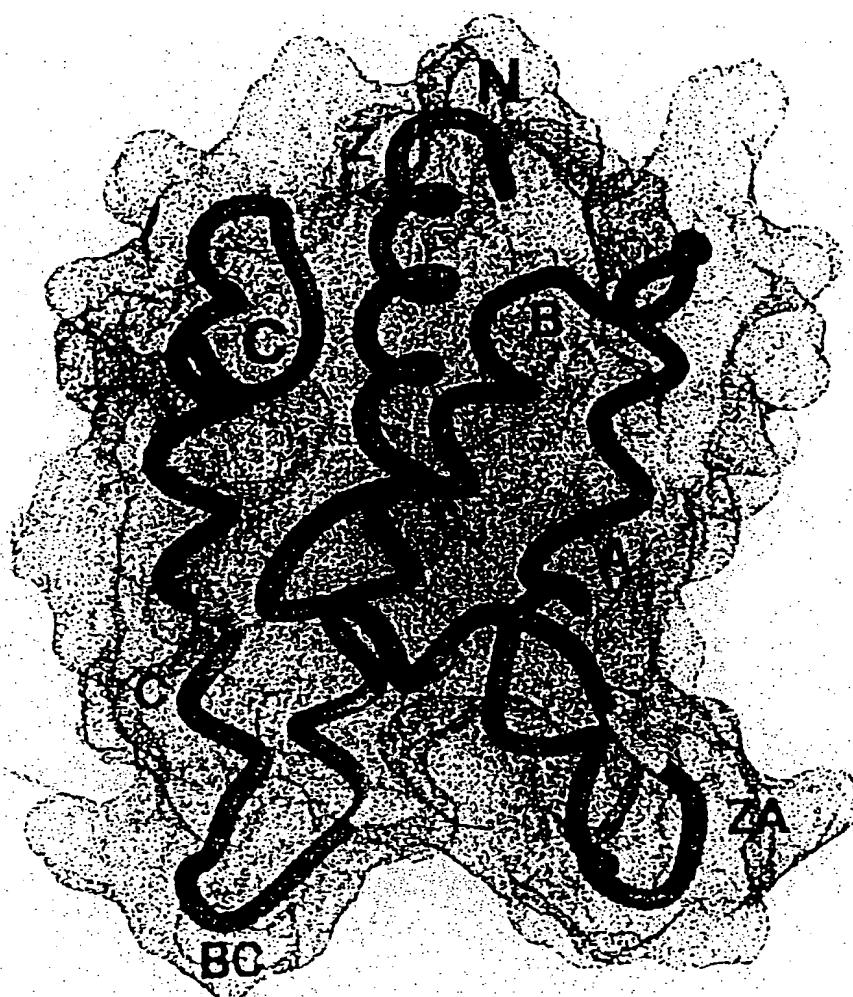
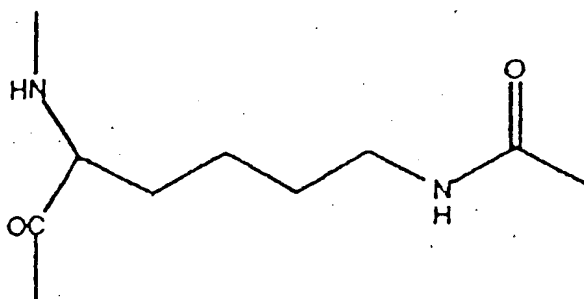


Figure 3B

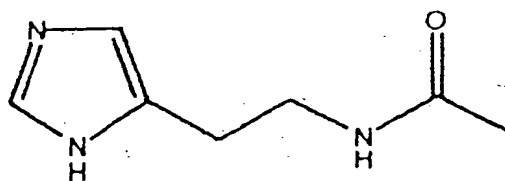


2459-1-003 CIP

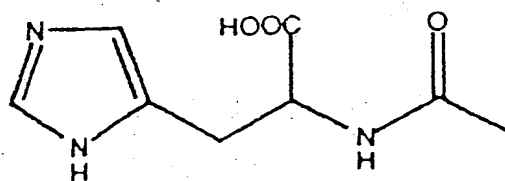
09754552.04.1.03



N_{ϵ} -acetyl-lysine

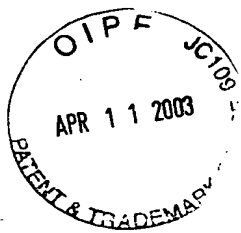


N_{ω} -acetyl-histamine



N_{α} -acetyl-histidine

Figure 3C



00784553.041103

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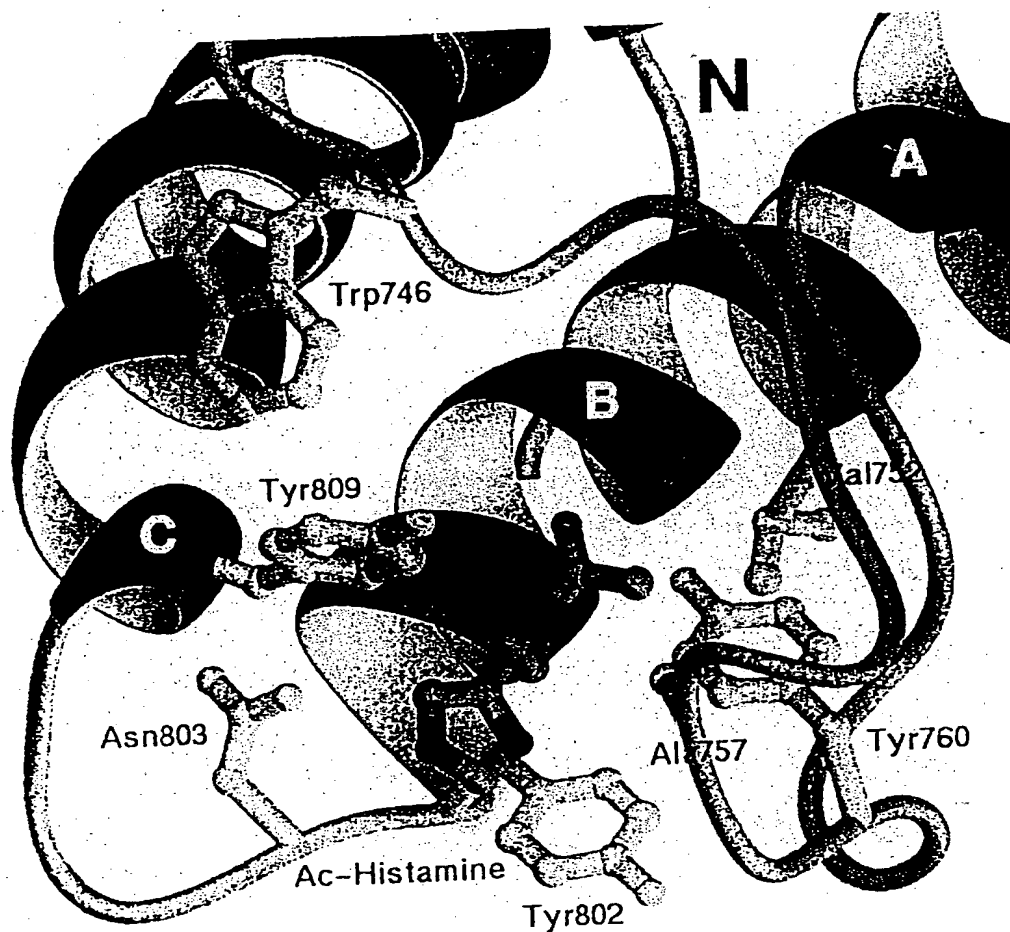
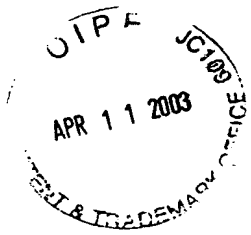


Figure 4



00764553-042103

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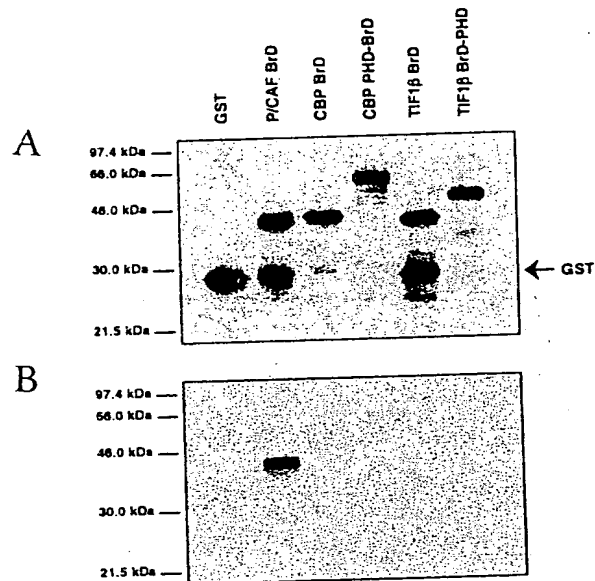


Figure 5

Figure 6



2459-1-003 CIP

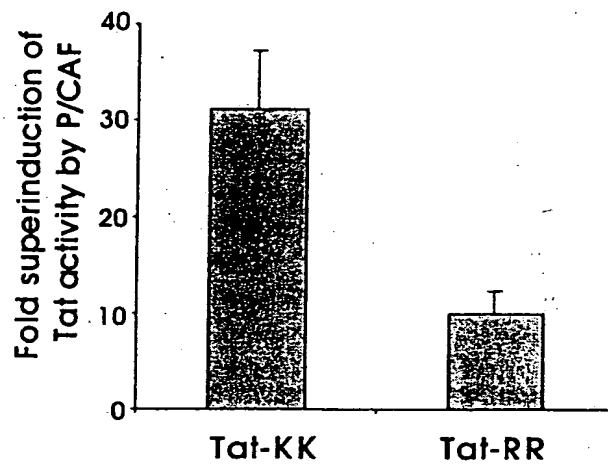
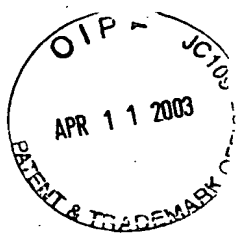


Figure 7



2459-1-003 CIP

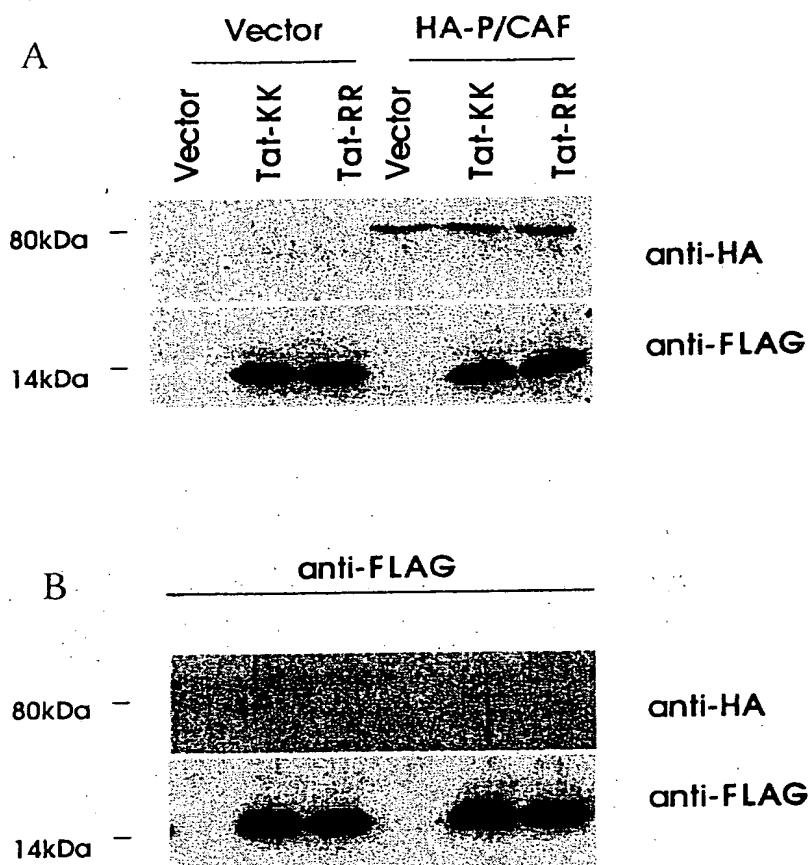
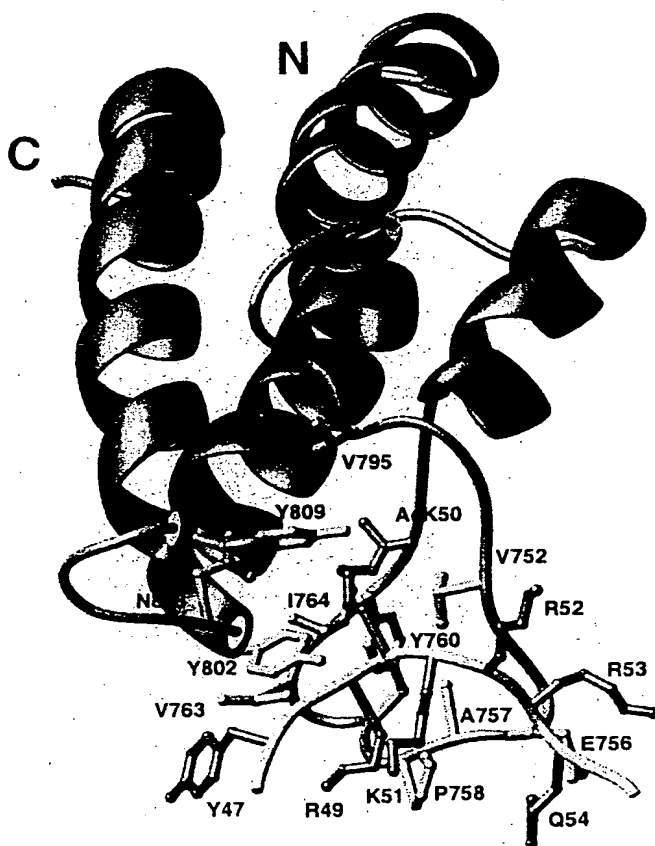


Figure 8



0078553 041102

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HIV-1 Tat Peptide: SYGR-AcK-KRRQRC

Figure 9

A



-
- The figure consists of two horizontal gel electrophoresis images. The top image has 12 lanes labeled 1 through 12 at the top. Lanes 1, 2, 4, 9, 10, 11, and 12 show dark, rectangular bands. Lanes 3, 5, 6, 7, 8, and 12 show no bands. The bottom image shows a single, continuous, dark horizontal band across all 12 lanes.

Figure 10



2459-1-003 CIP

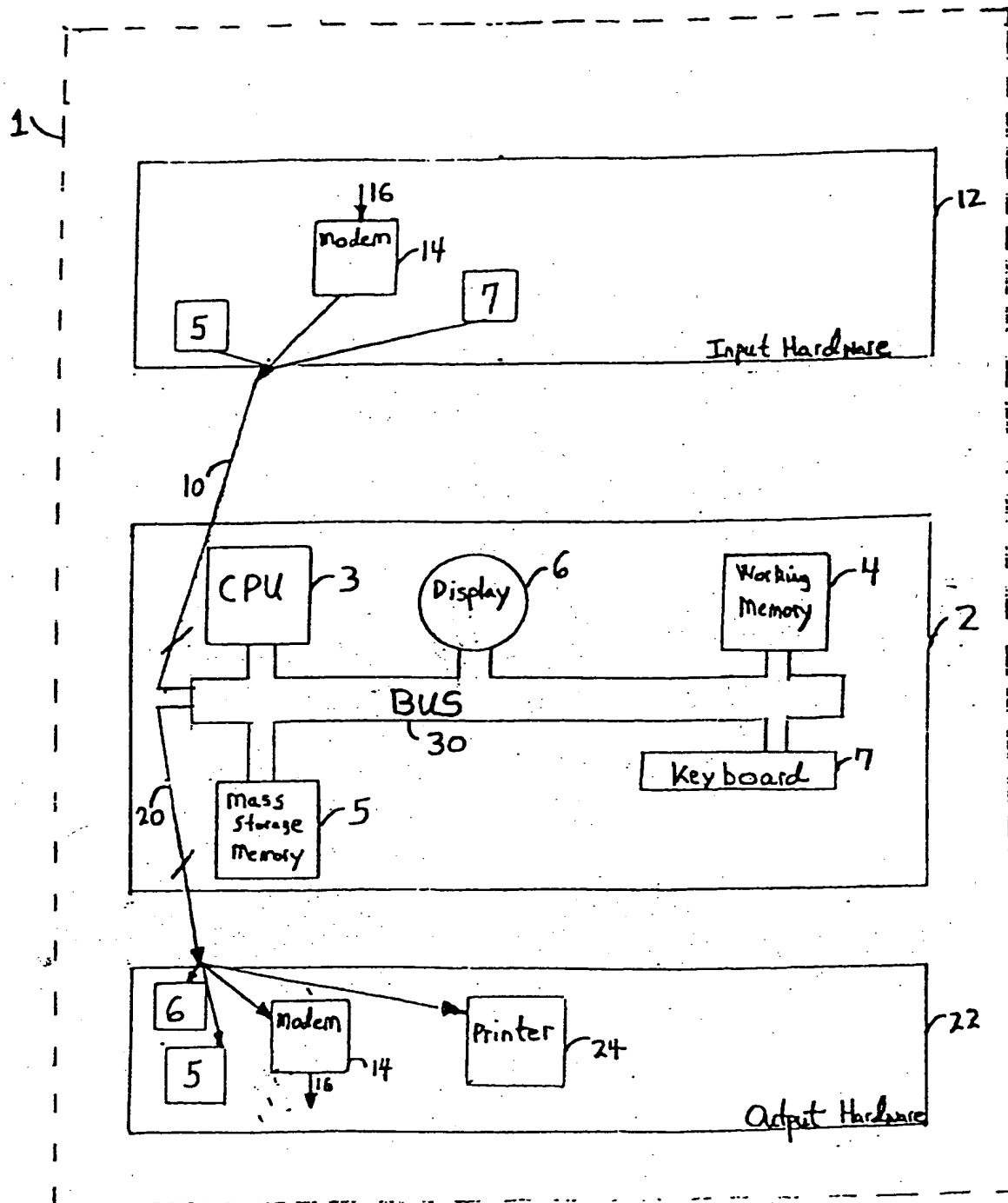
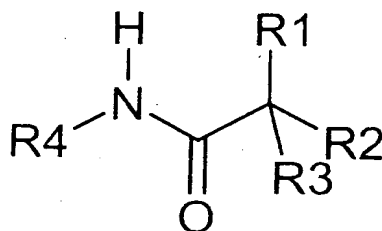


Figure 11



2459-1-003 CIP



Where:

$R_1, R_2, R_3 = \text{H, CH}_3, \text{X (halogen: F, Cl, Br, I), OH, SH, or NH}_3^+$

$R_4 = \text{alkyl, aryl}$

Figure 12

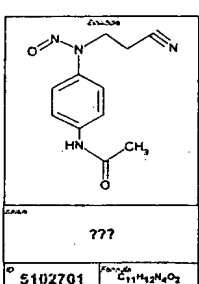
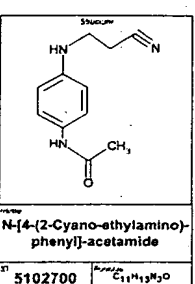
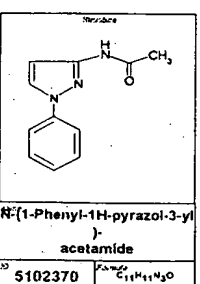
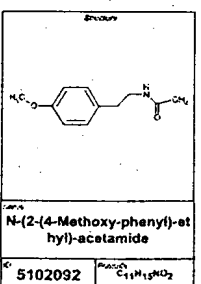
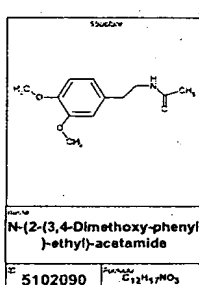
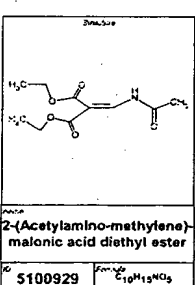
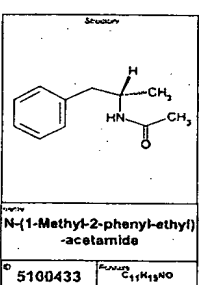
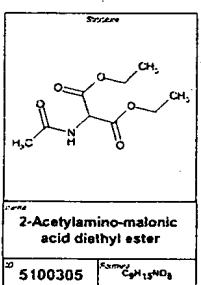
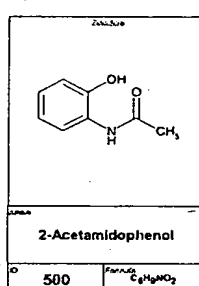
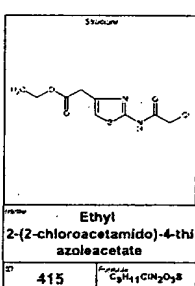
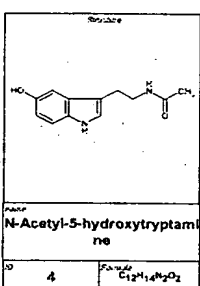
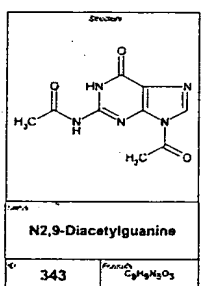
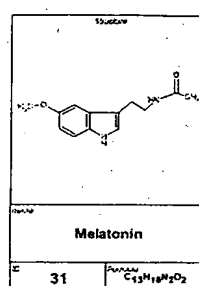
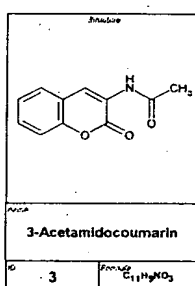
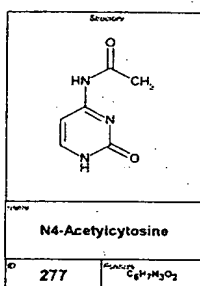
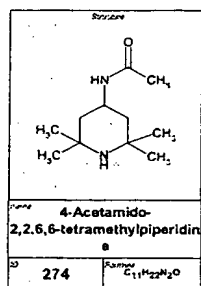
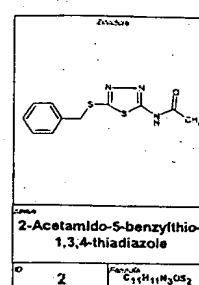
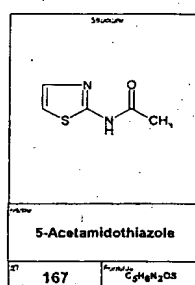
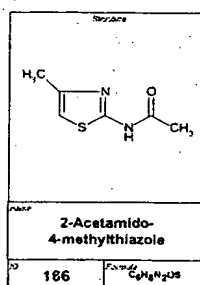
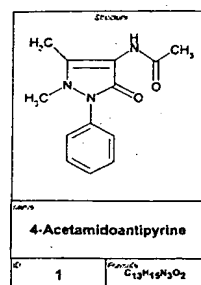


Figure 13-1

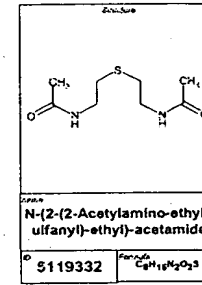
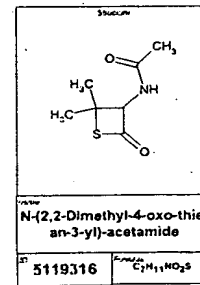
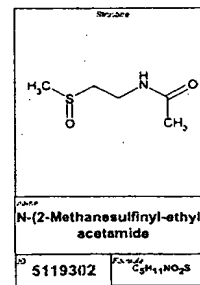
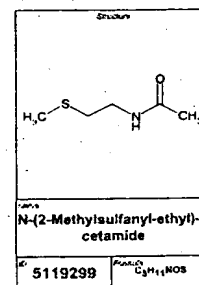
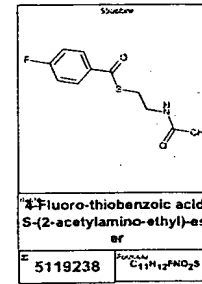
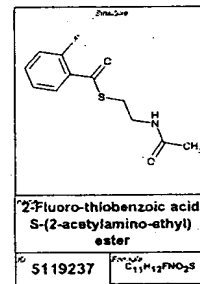
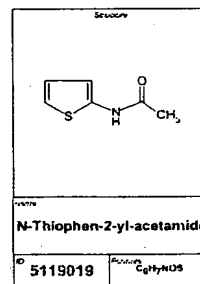
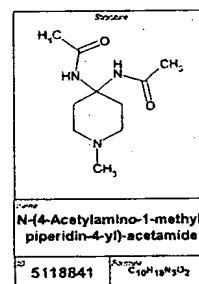
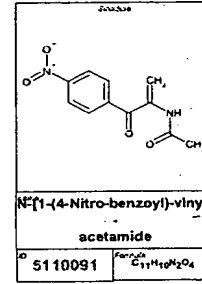
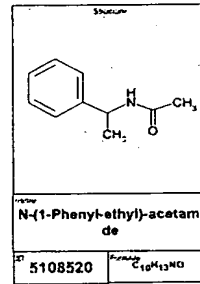
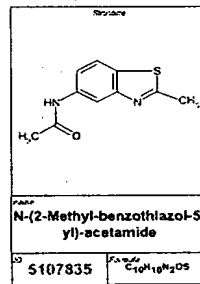
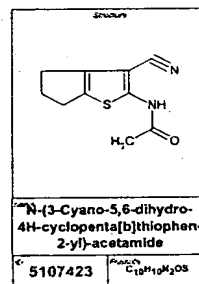
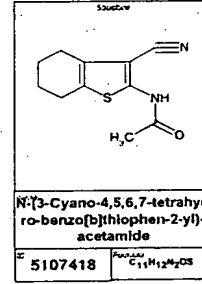
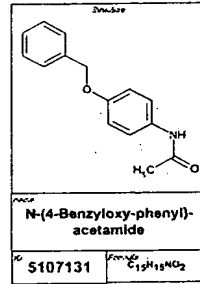
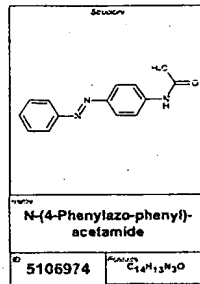
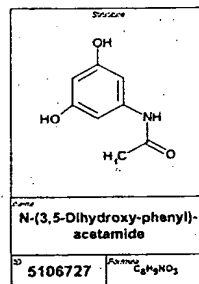
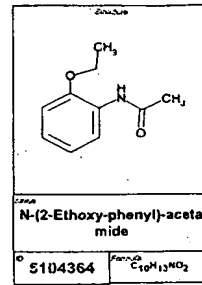
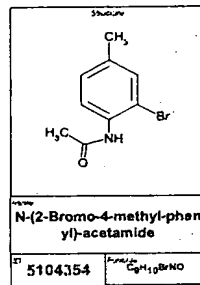
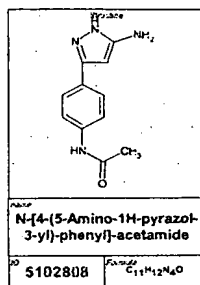
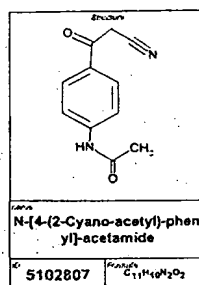


Figure 13-2

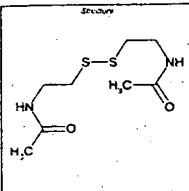
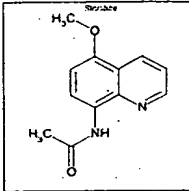
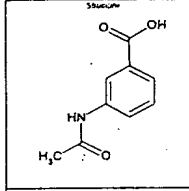
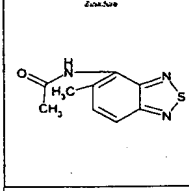
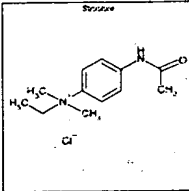
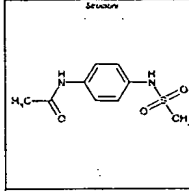
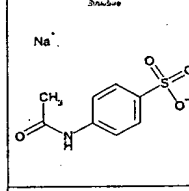
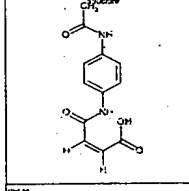
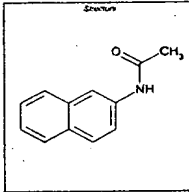
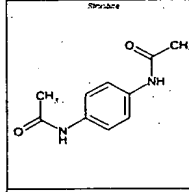
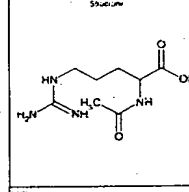
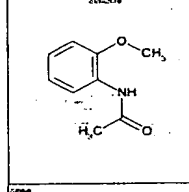
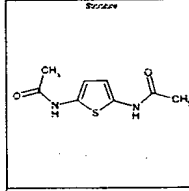
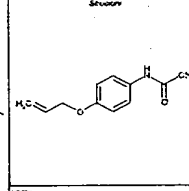
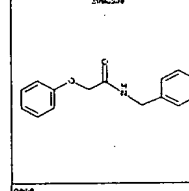
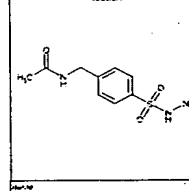
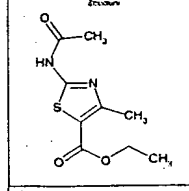
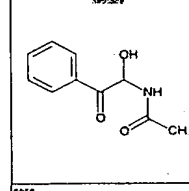
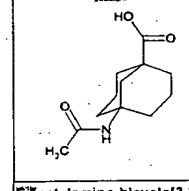
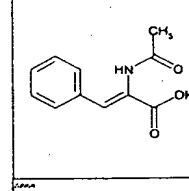
 <p>N-(2-(2-Acetylamino-ethyl) sulfanyl)-ethyl-acetamide</p> <p>5119333 <chem>CC(=O)NCCSCCNC(=O)C</chem></p>	 <p>N-(5-Methoxy-quinolin-8-yl)-acetamide</p> <p>5121921 <chem>CC(=O)Nc1ccc2c(c1)ncn2COC</chem></p>	 <p>3-Acetylamino-benzoic acid</p> <p>5128194 <chem>CC(=O)Nc1cccc(C(=O)O)c1</chem></p>	 <p>N-(5-Methyl-benzo[1,2,5]thiadiazol-4-yl)-acetamide</p> <p>5131057 <chem>CC(=O)Nc1ccc2nnc(C)c2c1</chem></p>
 <p>N-(4-Acetylamino-phenyl)-ethyl-dimethyl-ammonium chloride</p> <p>5132286 <chem>CC(=O)Nc1ccc(cc1)CN(C)CC[Cl-]</chem></p>	 <p>N-(4-Methanesulfonylamino-phenyl)-acetamide</p> <p>5133885 <chem>CC(=O)Nc1ccc(cc1)NS(=O)(=O)C</chem></p>	 <p>4-Acetylamino-benzenesulfonate sodium</p> <p>5134865 <chem>[Na+].[O-]S(=O)(=O)c1ccc(cc1)NC(=O)C</chem></p>	 <p>(Z)-3-(4-Acetylamino-phenylcarbamoyl)-acrylic acid</p> <p>5135478 <chem>CC(=O)Nc1ccc(cc1)C(=O)N/C=C/C(=O)O</chem></p>
 <p>N-Naphthalen-2-yl-acetamide</p> <p>5135520 <chem>CC(=O)Nc1cccc2ccccc12</chem></p>	 <p>N-(4-Acetylamino-phenyl)-acetamide</p> <p>5135539 <chem>CC(=O)Nc1ccc(cc1)NC(=O)C</chem></p>	 <p>2-Acetylamino-5-guandinopentanoic acid</p> <p>5137138 <chem>CC(=O)Nc1ccc(cc1)NC(=O)CNC(=O)N</chem></p>	 <p>N-(2-Methoxy-phenyl)-acetamide</p> <p>5137141 <chem>CC(=O)Nc1ccccc1OC</chem></p>
 <p>N-(5-Acetylamino-thiophen-2-yl)-acetamide</p> <p>5137797 <chem>CC(=O)Nc1cc(s1)NC(=O)C</chem></p>	 <p>4-Allyloxyacetanilide</p> <p>514 <chem>CC(=O)Nc1ccc(OCC=C)cc1</chem></p>	 <p>N-Benzyl-2-phenoxy-acetamide</p> <p>5140095 <chem>CC(=O)Nc1ccccc1OC(=O)Nc2ccccc2</chem></p>	 <p>???</p> <p>5144136 <chem>CC(=O)Nc1ccc(cc1)NC(=O)C</chem></p>
 <p>2-Acetylamino-4-methyl-thiazole-5-carboxylic acid ethyl ester</p> <p>5144565 <chem>CCOC(=O)C1=NC(C)=NC(=C1)NC(=O)C</chem></p>	 <p>N-(1-Hydroxy-2-oxo-2-phenyl-ethyl)-acetamide</p> <p>5144583 <chem>CC(=O)N[C@@H](O)C(=O)c1ccccc1</chem></p>	 <p>5-Acetylamino-bicyclo[3.3.1]nonane-1-carboxylic acid</p> <p>5145196 <chem>CC(=O)N[C@@H]1C[C@H]2CCCC[C@H]1C2C(=O)O</chem></p>	 <p>(Z)-2-Acetylamino-3-phenyl-acrylic acid</p> <p>5145568 <chem>CC(=O)N/C=C/C(=O)Oc1ccccc1</chem></p>

Figure 13-3

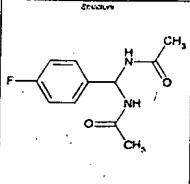
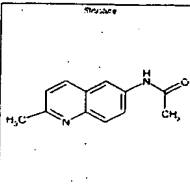
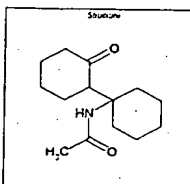
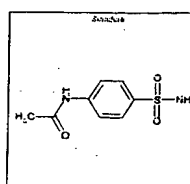
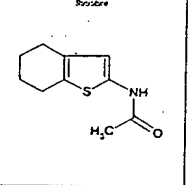
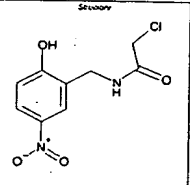
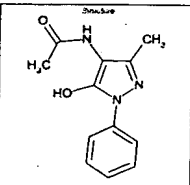
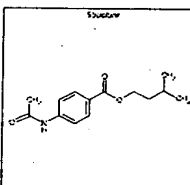
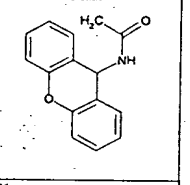
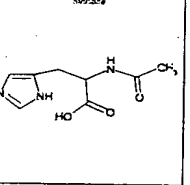
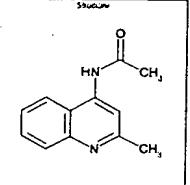
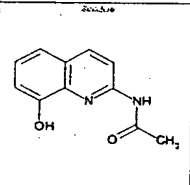
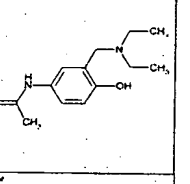
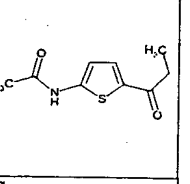
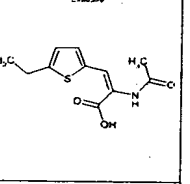
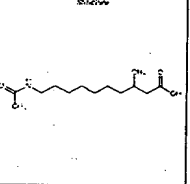
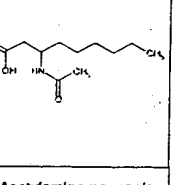
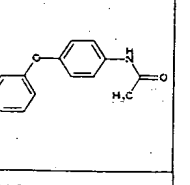
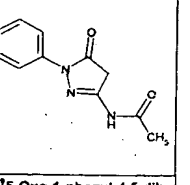
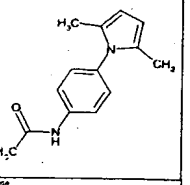
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 <p>NAME N-(4,5,6,7-Tetrahydro-benzof[1,2-b]thiophen-2-yl)-acetamide</p> <p>ID 5156862 Formula $C_{10}H_{13}NO_2$</p>	 <p>NAME 2-Chloro-N-(2-hydroxy-5-nitro-benzyl)-acetamide</p> <p>ID 5157409 Formula $C_9H_9ClN_2O_4$</p>	 <p>NAME N-(5-Hydroxy-3-methyl-1-phenyl-1H-pyrazol-4-yl)-acetamide</p> <p>ID 5160581 Formula $C_{12}H_{13}N_3O_2$</p>	 <p>NAME 4-Acetylamino-benzoic acid 3-methyl-butyl ester</p> <p>ID 5161584 Formula $C_{14}H_{19}NO_3$</p>
 <p>NAME N-(9H-Xanthen-9-yl)-acetamide</p> <p>ID 5161930 Formula $C_{19}H_{13}NO_2$</p>	 <p>NAME 2-Acetylamino-3-(3H-imidazol-4-yl)-propionic acid</p> <p>ID 5163605 Formula $C_8H_{11}N_3O_3$</p>	 <p>NAME N-(2-Methyl-quinolin-4-yl)-acetamide</p> <p>ID 5170552 Formula $C_{12}H_{12}N_2O$</p>	 <p>NAME N-(8-Hydroxy-quinolin-2-yl)-acetamide</p> <p>ID 5175095 Formula $C_{11}H_{10}N_2O_2$</p>
 <p>NAME N-(3-Diethylaminomethyl-4-hydroxy-phenyl)-acetamide</p> <p>ID 5175598 Formula $C_{13}H_{20}N_2O_2$</p>	 <p>NAME N-(5-Propionyl-thiophen-2-yl)-acetamide</p> <p>ID 5190716 Formula $C_9H_{11}NO_2S$</p>	 <p>NAME (E)-2-Acetylamino-3-(ethylthiophen-2-yl)-acrylic acid</p> <p>ID 5190720 Formula $C_{11}H_{13}NO_2S$</p>	 <p>NAME 10-Acetylamino-3-methyl-decanoic acid</p> <p>ID 5190763 Formula $C_{13}H_{25}NO_3$</p>
 <p>NAME 3-Acetylamino-nonanoic acid</p> <p>ID 5190776 Formula $C_{11}H_{21}NO_3$</p>	 <p>NAME N-(4-Phenoxy-phenyl)-acetamide</p> <p>ID 5191921 Formula $C_{14}H_{13}NO_2$</p>	 <p>NAME N-(5-Oxo-1-phenyl-4,5-dihydro-1H-pyrazol-3-yl)-acetamide</p> <p>ID 5192544 Formula $C_{11}H_{11}N_3O_2$</p>	 <p>NAME N-[4-(2,5-Dimethyl-pyrrol-1-yl)-phenyl]-acetamide</p> <p>ID 5210476 Formula $C_{14}H_{18}N_2O$</p>

Figure 13-4

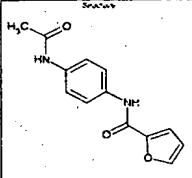
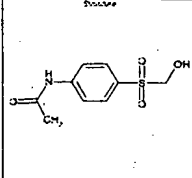
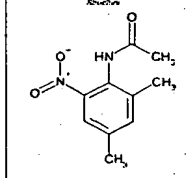
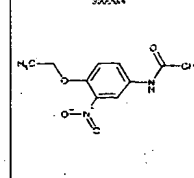
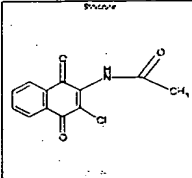
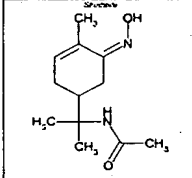
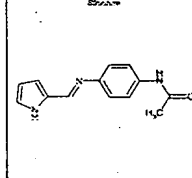
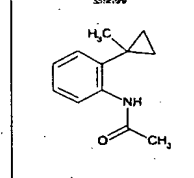
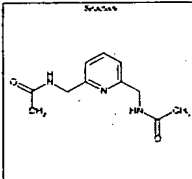
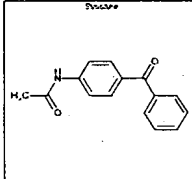
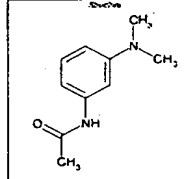
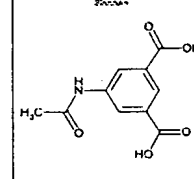
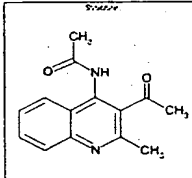
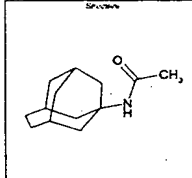
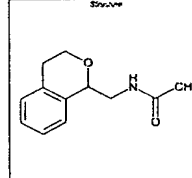
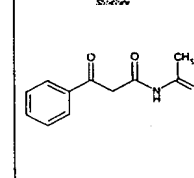
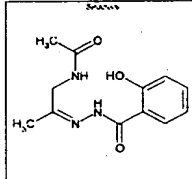
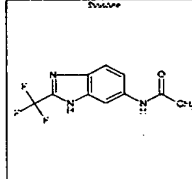
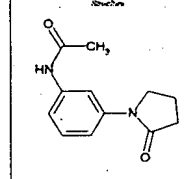
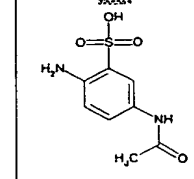
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 <p>N-(3-Chloro-1,4-dioxo-1,4-dihydro-naphthalen-2-yl)-acetamide</p> <p>5212521 <chem>C12H7ClNO3</chem></p>	 <p>N-[1-(5-{(2-Hydroxyimino)-4-methyl-cyclohex-3-enyl}-1-methyl-ethyl)-acetamide</p> <p>5213911 <chem>C17H29N2O2</chem></p>	 <p>N-[4-[(1-(1H-Pyrrol-2-yl)-methyl-(E)-ylidene)-amino]-phenyl]-acetamide</p> <p>5214576 <chem>C13H13N3O</chem></p>	 <p>N-[2-(1-Methyl-cyclopropyl)-phenyl]-acetamide</p> <p>5216286 <chem>C12H15NO</chem></p>
 <p>N-[6-(Acetyl-amino-methyl)-pyridin-2-ylmethyl]-acetamide</p> <p>5219860 <chem>C11H15N3O2</chem></p>	 <p>N-(4-Benzoyl-phenyl)-acetamide</p> <p>5228796 <chem>C15H13NO2</chem></p>	 <p>N-[3-Dimethylamino-phenyl]-acetamide</p> <p>5228142 <chem>C10H14N2O</chem></p>	 <p>5-Acetyl-amino-isophthalic acid</p> <p>5233529 <chem>C10H9NO4</chem></p>
 <p>N-(3-Acetyl-2-methyl-quinolin-4-yl)-acetamide</p> <p>5234425 <chem>C14H14N2O2</chem></p>	 <p>N-Tricyclo[4.3.1]undec-1-yl-acetamide</p> <p>5235037 <chem>C13H21NO</chem></p>	 <p>N-Isochroman-1-ylmethyl-acetamide</p> <p>5237699 <chem>C12H15NO2</chem></p>	 <p>N-(3-Oxo-3-phenyl-propionyl)-acetamide</p> <p>5238359 <chem>C11H11NO3</chem></p>
 <p>N-[2-[(2-Hydroxy-benzoyl)-hydrazono]-propyl]-acetamide</p> <p>5238480 <chem>C12H13N3O3</chem></p>	 <p>N-[2-Trifluoromethyl-3H-benzimidazol-5-yl]-acetamide</p> <p>5248854 <chem>C10H6F3N3O</chem></p>	 <p>N-[3-(2-Oxo-pyrrolidin-1-yl)-phenyl]-acetamide</p> <p>5249307 <chem>C12H14N2O2</chem></p>	 <p>5-Acetyl-amino-2-amino-benzenesulfonic acid</p> <p>5252844 <chem>C8H10N2O4S</chem></p>

Figure 13-5

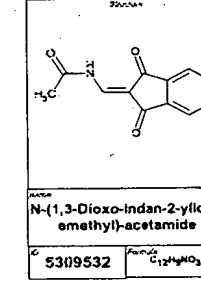
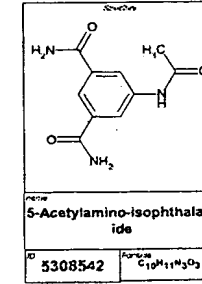
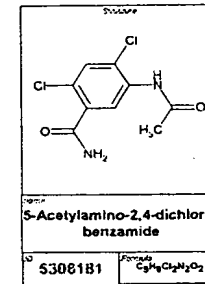
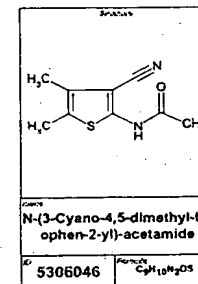
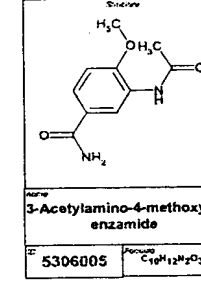
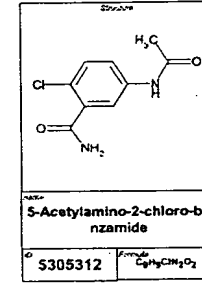
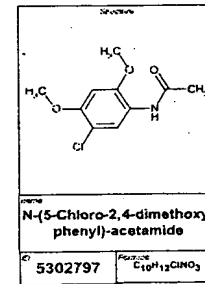
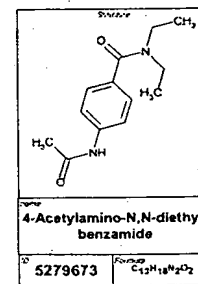
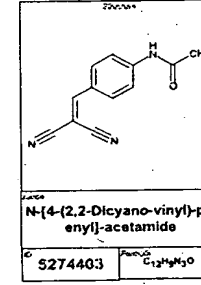
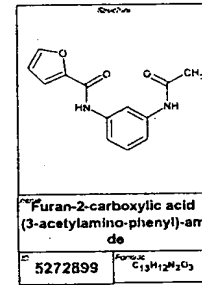
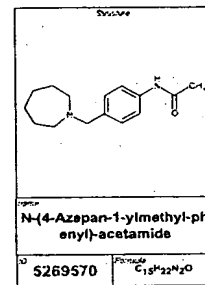
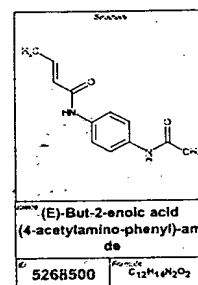
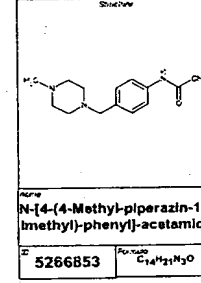
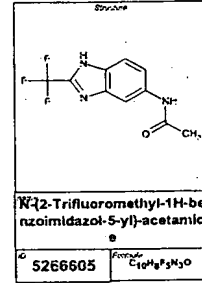
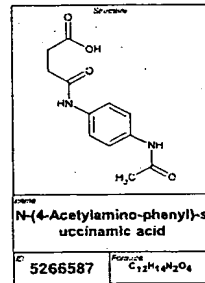
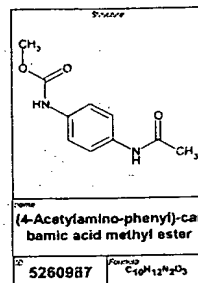
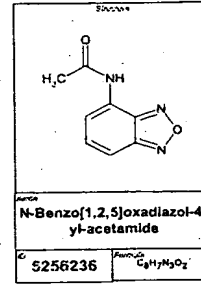
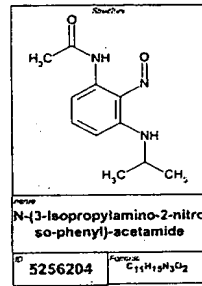
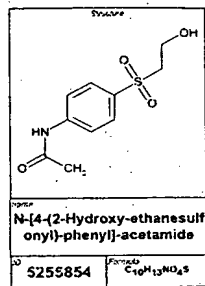
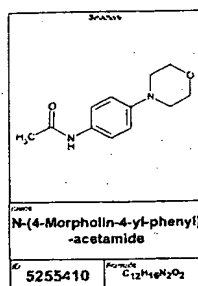


Figure 13-6

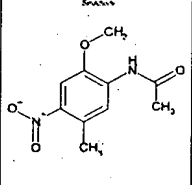
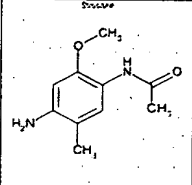
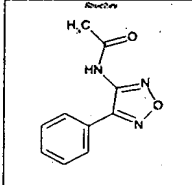
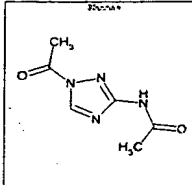
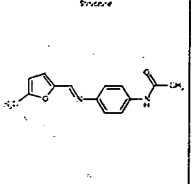
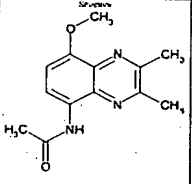
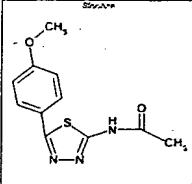
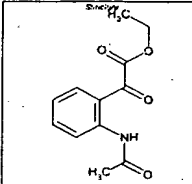
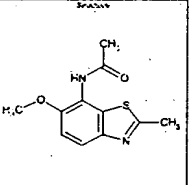
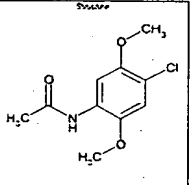
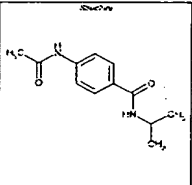
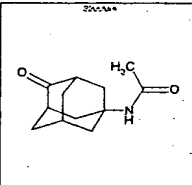
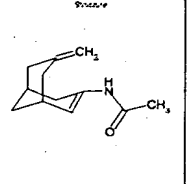
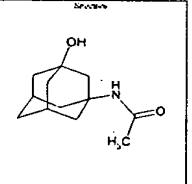
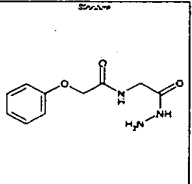
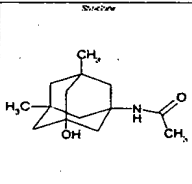
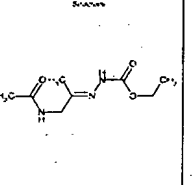
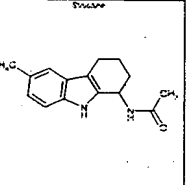
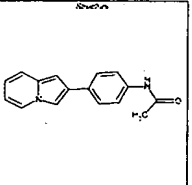
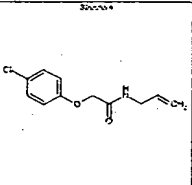
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 <p>NAME N-(4-[(1-(5-Methyl-furan-2-yl)-meth-(E)-ylidene)-amino]-phenyl)-acetamide</p> <p>ID 5313754 Formula $C_{14}H_{14}N_2O_2$</p>	 <p>NAME N-(8-Methoxy-2,3-dimethyl-quinoxalin-5-yl)-acetamide</p> <p>ID 5316088 Formula $C_{13}H_{14}N_2O_2$</p>	 <p>NAME N-[5-(4-Methoxy-phenyl)-[1,3,4]thiadiazol-2-yl]-acetamide</p> <p>ID 5316146 Formula $C_{11}H_{11}N_3O_2S$</p>	 <p>NAME (2-Acetyl-amino-phenyl)-oxo-acetic acid ethyl ester</p> <p>ID 5323911 Formula $C_{12}H_{13}NO_4$</p>
 <p>NAME N-(6-Methoxy-2-methyl-benzothiazol-7-yl)-acetamide</p> <p>ID 5325303 Formula $C_{11}H_{12}N_2O_2S$</p>	 <p>NAME N-(4-Chloro-2,5-dimethoxy-phenyl)-acetamide</p> <p>ID 5331993 Formula $C_{10}H_{12}ClNO_2$</p>	 <p>NAME 4-Acetyl-amino-N-isopropyl-benzamide</p> <p>ID 5334418 Formula $C_{12}H_{17}N_2O_2$</p>	 <p>NAME N-(4-Oxo-adamantan-1-yl)-acetamide</p> <p>ID 5346256 Formula $C_{12}H_{17}NO_2$</p>
 <p>NAME N-(7-Methylene-bicyclo[3.3.1]non-2-en-3-yl)-acetamide</p> <p>ID 5347722 Formula $C_{12}H_{17}NO$</p>	 <p>NAME N-(3-Hydroxy-adamantan-1-yl)-acetamide</p> <p>ID 5347923 Formula $C_{12}H_{19}NO_2$</p>	 <p>NAME N-Hydrazinocarbonylmethyl-2-phenoxy-acetamide</p> <p>ID 5352012 Formula $C_{10}H_{13}N_3O_3$</p>	 <p>NAME N-(3-Hydroxy-5,7-dimethyl-adamantan-1-yl)-acetamide</p> <p>ID 5352666 Formula $C_{14}H_{23}NO_2$</p>
 <p>NAME N-[2-Acetyl-amino-1-methyl-eth-(E)-ylidene]-hydrazinecarboxylic acid ethyl ester</p> <p>ID 5353737 Formula $C_8H_{15}N_3O_3$</p>	 <p>NAME N-[6-Methyl-2,3,4,9-tetrahydro-1H-carbazol-1-yl]-acetamide</p> <p>ID 5373714 Formula $C_{15}H_{19}N_2O$</p>	 <p>NAME N-(4-Indolizin-2-yl-phenyl)-acetamide</p> <p>ID 5380715 Formula $C_{18}H_{14}N_2O$</p>	 <p>NAME N-Allyl-2-(4-chloro-phenoxy)-acetamide</p> <p>ID 5403642 Formula $C_{11}H_{12}ClNO_2$</p>

Figure 13-7

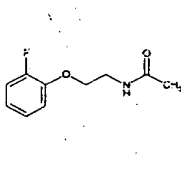
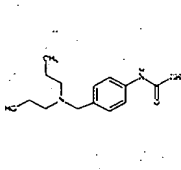
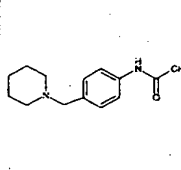
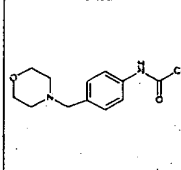
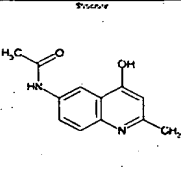
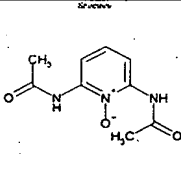
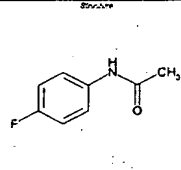
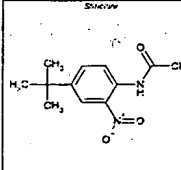
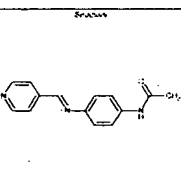
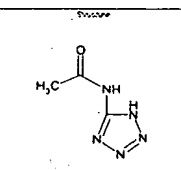
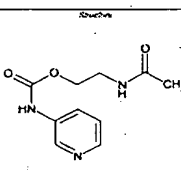
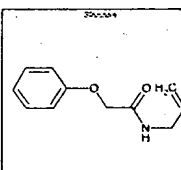
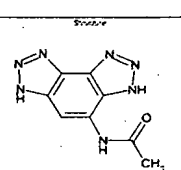
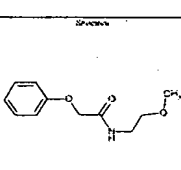
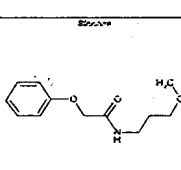
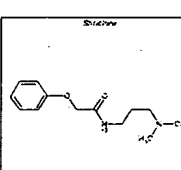
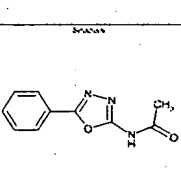
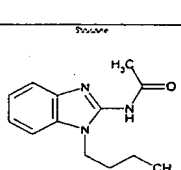
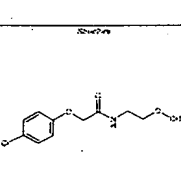
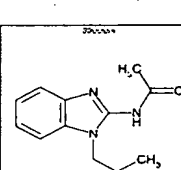
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 <p> Name N-(4-Hydroxy-2-methyl-quinolin-6-yl)-acetamide ID 5470439 Formula $C_{12}H_{11}N_2O_2$ </p>	 <p> Name N-(5-Acetylamino-1-oxy-pyridin-2-yl)-acetamide ID 5474173 Formula $C_9H_{11}N_3O_3$ </p>	 <p> Name 4-Fluoroacetanilide ID 548 Formula C_8H_8FNO </p>	 <p> Name N-(4-tert-Butyl-2-nitro-phenyl)-acetamide ID 5485259 Formula $C_{12}H_{15}N_2O_3$ </p>
 <p> Name N-[4-[(1-Pyridin-4-yl-methylidene)-amino]-phenyl]-acetamide ID 5509419 Formula $C_{14}H_{13}N_3O$ </p>	 <p> Name N-(1H-Tetrazol-5-yl)-acetamide ID 5510963 Formula $C_3H_3N_5O$ </p>	 <p> Name Pyridin-3-yl-carbamic acid 2-acetylamino-ethyl ester ID 5522408 Formula $C_{10}H_{13}N_3O_3$ </p>	 <p> Name N-Allyl-2-phenoxy-acetamide ID 5523973 Formula $C_{11}H_{13}NO_2$ </p>
 <p> Name N-[3,6-Dihydro-benzo[1,2-d:3,4-d']bis-triazol-4-yl]-acetamide ID 5529796 Formula $C_8H_7N_5O$ </p>	 <p> Name N-(2-Methoxy-ethyl)-2-phenoxy-acetamide ID 5531808 Formula $C_{11}H_{15}NO_3$ </p>	 <p> Name N-(3-Methoxy-propyl)-2-phenoxy-acetamide ID 5544954 Formula $C_{11}H_{17}NO_3$ </p>	 <p> Name N-(3-Dimethylamino-propyl)-2-phenoxy-acetamide ID 5548376 Formula $C_{13}H_{20}N_2O_2$ </p>
 <p> Name N-(5-Phenyl-[1,3,4]oxadiazol-2-yl)-acetamide ID 5549905 Formula $C_{10}H_8N_2O_2$ </p>	 <p> Name N-(1-Butyl-1H-benzimidazol-2-yl)-acetamide ID 5553131 Formula $C_{13}H_{17}N_3O$ </p>	 <p> Name 2-(4-Chloro-phenoxy)-N-(2-methoxy-ethyl)-acetamide ID 5553186 Formula $C_{11}H_{14}ClNO_3$ </p>	 <p> Name N-(1-Propyl-1H-benzimidazol-2-yl)-acetamide ID 5553756 Formula $C_{12}H_{15}N_3O$ </p>

Figure 13-8

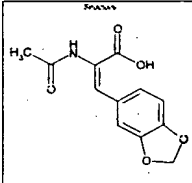
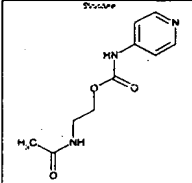
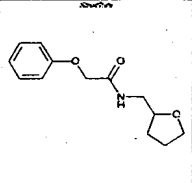
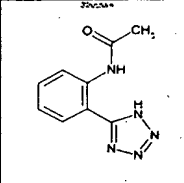
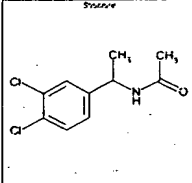
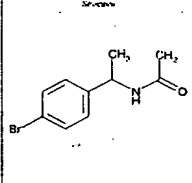
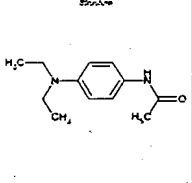
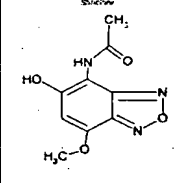
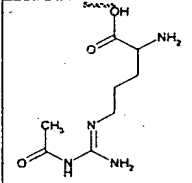
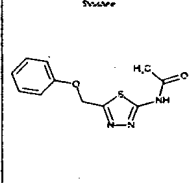
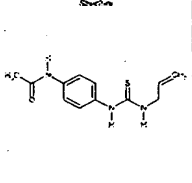
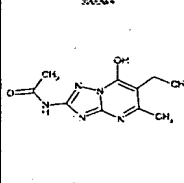
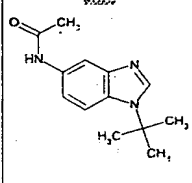
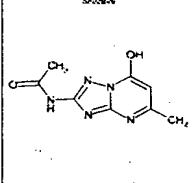
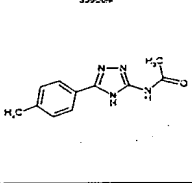
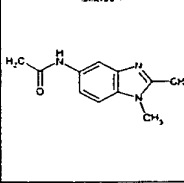
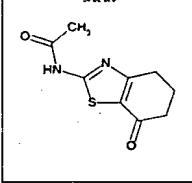
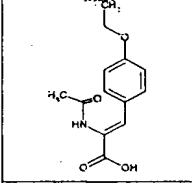
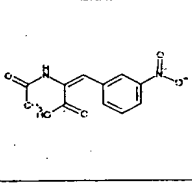
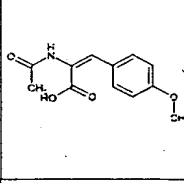
 <p>2-Acetyl-amino-3-benzo[1,3]dioxol-5-yl-acrylic acid</p> <p>5558887 $C_{12}H_{11}NO_3$</p>	 <p>Pyridin-4-yl-carbamic acid 2-acetyl-amino-ethyl ester</p> <p>5561171 $C_{10}H_{13}N_2O_3$</p>	 <p>2-Phenoxy-N-(tetrahydro-furan-2-ylmethyl)-acetamide</p> <p>5563979 $C_{13}H_{17}NO_3$</p>	 <p>N-[2-(1H-Tetrazol-5-yl)-phenyl]-acetamide</p> <p>5583145 $C_9H_9N_5O$</p>
 <p>N-[1-(3,4-Dichloro-phenyl)-ethyl]-acetamide</p> <p>5583493 $C_{10}H_{11}Cl_2NO$</p>	 <p>N-[1-(4-Bromo-phenyl)-ethyl]-acetamide</p> <p>5587422 $C_{10}H_{12}BrNO$</p>	 <p>N-(4-Diethylamino-phenyl)-acetamide</p> <p>5624080 $C_{12}H_{18}N_2O$</p>	 <p>N-[5-Hydroxy-7-methoxy-benzol[1,2,5]oxadiazol-4-yl]-acetamide</p> <p>5626437 $C_9H_9N_3O_3$</p>
 <p>5-(N'-Acetyl-quantino)-2-amino-pentanoic acid</p> <p>5626440 $C_8H_{16}N_4O_5$</p>	 <p>N-(5-Phenoxymethyl-[1,3,4]thiadiazol-2-yl)-acetamide</p> <p>5633778 $C_{11}H_{11}N_3O_2S$</p>	 <p>N-[4-(3-Allyl-thioureido)-phenyl]-acetamide</p> <p>5634206 $C_{12}H_{13}N_3OS$</p>	 <p>N-[6-Ethyl-7-hydroxy-5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-2-yl]-acetamide</p> <p>5652409 $C_{10}H_{13}N_5O_2$</p>
 <p>N-(1-tert-Butyl-1H-benzoximidazol-5-yl)-acetamide</p> <p>5655930 $C_{13}H_{17}N_3O$</p>	 <p>N-(7-Hydroxy-5-methyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)-acetamide</p> <p>5656027 $C_8H_9N_5O_2$</p>	 <p>N-(5-p-Tolyl-4H-[1,2,4]triazol-3-yl)-acetamide</p> <p>5656455 $C_{11}H_{12}N_4O$</p>	 <p>N-[1,2-Dimethyl-1H-benzimidazol-5-yl]-acetamide</p> <p>5660405 $C_{11}H_{13}N_3O$</p>
 <p>N-(7-Oxo-4,5,6,7-tetrahydro-benzothiazol-2-yl)-acetamide</p> <p>5674030 $C_8H_{10}N_2O_3$</p>	 <p>(Z)-2-Acetyl-amino-3-(4-ethoxy-phenyl)-acrylic acid</p> <p>5685865 $C_{13}H_{15}NO_4$</p>	 <p>(E)-2-Acetyl-amino-3-(3-nitro-phenyl)-acrylic acid</p> <p>5687268 $C_{11}H_{10}N_2O_5$</p>	 <p>(E)-2-Acetyl-amino-3-(3-nitro-phenyl)-acrylic acid</p> <p>5688836 $C_{12}H_{13}NO_4$</p>

Figure 13-9

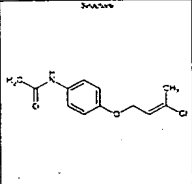
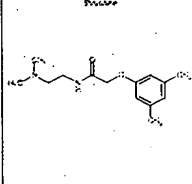
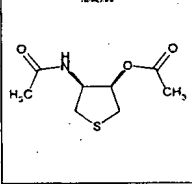
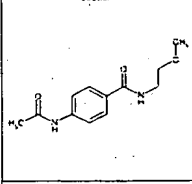
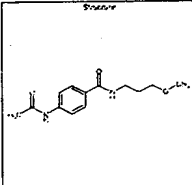
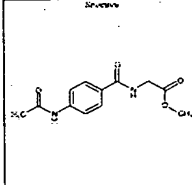
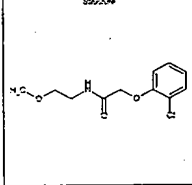
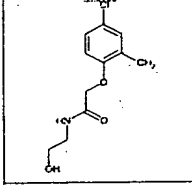
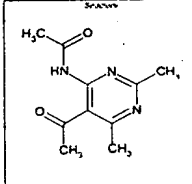
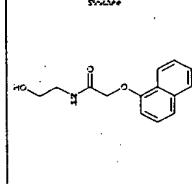
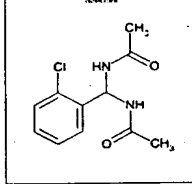
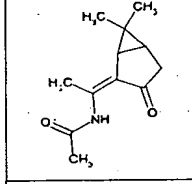
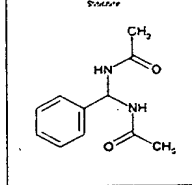
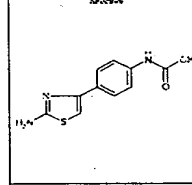
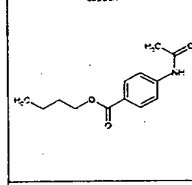
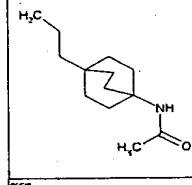
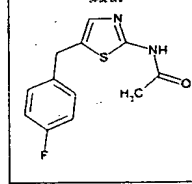
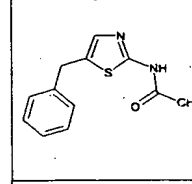
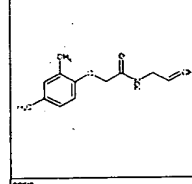
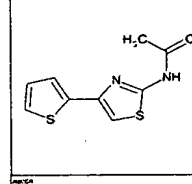
 <p>NAME N-[4-((E)-3-Chloro-but-2-en-1-yloxy)-phenyl]-acetamide</p> <p>ID 5689801 Formula C₁₂H₁₄ClNO₂</p>	 <p>NAME N-[2-Dimethylamino-ethyl]-2-(3,5-dimethyl-phenoxy)-acetamide</p> <p>ID 5690899 Formula C₁₄H₂₂N₂O₂</p>	 <p>NAME Acetic acid (3R,4S)-4-acetylamino-tetrahydro-thiophen-3-yl ester</p> <p>ID 5728428 Formula C₈H₁₃NO₃S</p>	 <p>NAME 4-Acetylamino-N-(2-methoxy-ethyl)-benzamide</p> <p>ID 5739448 Formula C₁₂H₁₆NO₃</p>
 <p>NAME 4-Acetylamino-N-(3-methoxy-propyl)-benzamide</p> <p>ID 5739629 Formula C₁₃H₁₈N₂O₃</p>	 <p>NAME (4-Acetylamino-benzoylamino)-acetic acid methyl ester</p> <p>ID 5740840 Formula C₁₃H₁₄N₂O₄</p>	 <p>NAME 2-(2-Chloro-phenoxy)-N-(2-methoxy-ethyl)-acetamide</p> <p>ID 5798772 Formula C₁₁H₁₄ClNO₃</p>	 <p>NAME 2-(4-Chloro-2-methyl-phenoxy)-N-(2-hydroxy-ethyl)-acetamide</p> <p>ID 5809836 Formula C₁₁H₁₄ClNO₃</p>
 <p>NAME N-(5-Acetyl-2,6-dimethyl-pyrimidin-4-yl)-acetamide</p> <p>ID 5810733 Formula C₁₀H₁₂N₂O₂</p>	 <p>NAME N-(2-Hydroxy-ethyl)-2-(naphthalen-1-yloxy)-acetamide</p> <p>ID 5811720 Formula C₁₄H₁₆NO₃</p>	 <p>NAME N-[Acetylamino-(2-chloro-phenyl)-methyl]-acetamide</p> <p>ID 5824734 Formula C₁₁H₁₃ClN₂O₂</p>	 <p>NAME N-[1-(6,6-Dimethyl-3-oxo-bicyclo[3.1.0]hex-(2Z)-ylidene)-ethyl]-acetamide</p> <p>ID 5827999 Formula C₁₂H₁₇NO₂</p>
 <p>NAME N-(Acetylamino-phenyl)-methyl-acetamide</p> <p>ID 5828027 Formula C₁₁H₁₄N₂O₂</p>	 <p>NAME N-[4-(2-Amino-thiazol-4-yl)-phenyl]-acetamide</p> <p>ID 5835173 Formula C₁₁H₁₁N₃OS</p>	 <p>NAME 4-Acetylamino-benzoic acid butyl ester</p> <p>ID 5840961 Formula C₁₃H₁₇NO₃</p>	 <p>NAME N-(4-Propyl-bicyclo[2.2.2]oct-1-yl)-acetamide</p> <p>ID 5850382 Formula C₁₃H₂₁NO</p>
 <p>NAME N-[5-(4-Fluoro-benzyl)-thiazol-2-yl]-acetamide</p> <p>ID 5851471 Formula C₁₃H₁₁F₂NO₂S</p>	 <p>NAME N-(5-Benzyl-thiazol-2-yl)-acetamide</p> <p>ID 5853200 Formula C₁₂H₁₂N₂OS</p>	 <p>NAME N-Allyl-2-(2,4-dimethyl-phenoxy)-acetamide</p> <p>ID 5854702 Formula C₁₃H₁₇NO₂</p>	 <p>NAME N-(4-Thiophen-2-yl-thiazol-2-yl)-acetamide</p> <p>ID 5879151 Formula C₉H₈N₂OS₂</p>

Figure 13-10

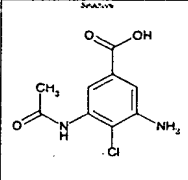
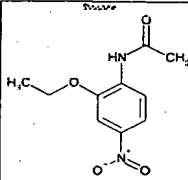
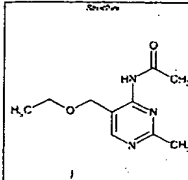
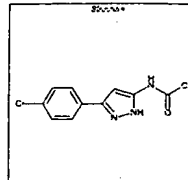
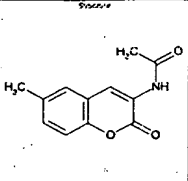
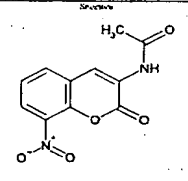
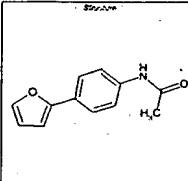
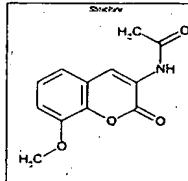
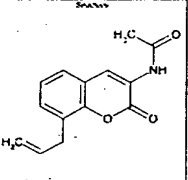
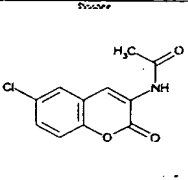
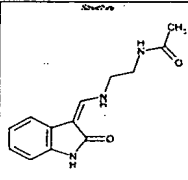
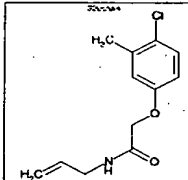
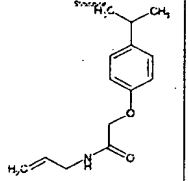
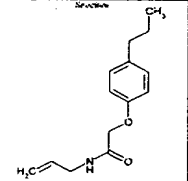
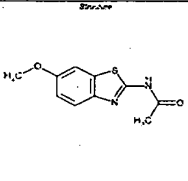
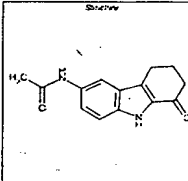
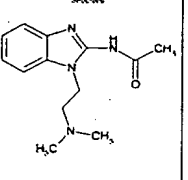
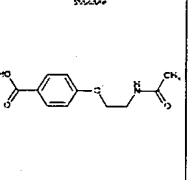
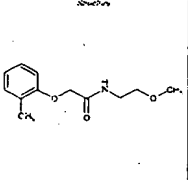
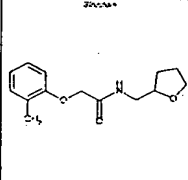
 <p>3-Acetyl-5-amino-4-chloro-benzoic acid</p> <p>5926651 $C_9H_7ClNO_3$</p>	 <p>N-(2-Ethoxy-4-nitro-phenyl)-acetamide</p> <p>5940353 $C_{10}H_{12}N_2O_4$</p>	 <p>N-(5-Ethoxymethyl-2-methyl-pyrimidin-4-yl)-acetamide</p> <p>5968775 $C_{10}H_{13}N_3O_2$</p>	 <p>N-[5-(4-Chloro-phenyl)-2H-pyrazol-3-yl]-acetamide</p> <p>5993802 $C_{14}H_{10}ClN_3O$</p>
 <p>N-(6-Methyl-2-oxo-2H-chromen-3-yl)-acetamide</p> <p>6037500 $C_{12}H_{11}NO_3$</p>	 <p>N-(8-Nitro-2-oxo-2H-chromen-3-yl)-acetamide</p> <p>6037721 $C_{11}H_9N_2O_5$</p>	 <p>N-(4-Furan-2-yl-phenyl)-acetamide</p> <p>6039007 $C_{12}H_{11}NO_2$</p>	 <p>N-(8-Methoxy-2-oxo-2H-chromen-3-yl)-acetamide</p> <p>6041557 $C_{12}H_{11}NO_4$</p>
 <p>N-(8-Allyl-2-oxo-2H-chromen-3-yl)-acetamide</p> <p>6041610 $C_{14}H_{13}NO_3$</p>	 <p>N-(6-Chloro-2-oxo-2H-chromen-3-yl)-acetamide</p> <p>6041848 $C_{11}H_9ClNO_3$</p>	 <p>N-[2-[(2-Oxo-1,2-dihydro-indol-3-ylidene)methyl]-amino]-ethyl)-acetamide</p> <p>6043527 $C_{13}H_{13}N_3O_2$</p>	 <p>N-Allyl-2-(4-chloro-3-methyl-phenoxy)-acetamide</p> <p>6045963 $C_{12}H_{14}ClNO_2$</p>
 <p>N-Allyl-2-(4-isopropyl-phenoxy)-acetamide</p> <p>6047729 $C_{14}H_{19}NO_2$</p>	 <p>N-Allyl-2-(4-propyl-phenoxy)-acetamide</p> <p>6048040 $C_{14}H_{19}NO_2$</p>	 <p>N-(6-Methoxy-benzothiazol-2-yl)-acetamide</p> <p>6048159 $C_{10}H_{10}N_2O_3$</p>	 <p>N-[8-Oxo-6,7,8,9-tetrahydro-5H-carbazol-3-yl]-acetamide</p> <p>6048242 $C_{14}H_{14}N_2O_2$</p>
 <p>N-[1-(2-Dimethylamino-ethyl)-1H-benzimidazol-2-yl]-acetamide</p> <p>6048903 $C_{12}H_{16}N_4O$</p>	 <p>4-(2-Acetyl-amino-ethoxy)-benzoic acid</p> <p>6050206 $C_{11}H_{13}NO_4$</p>	 <p>N-(2-Methoxy-ethyl)-2-o-tol-yloxy-acetamide</p> <p>6080836 $C_{12}H_{17}NO_3$</p>	 <p>N-(Tetrahydro-furan-2-ylmethyl)-2-o-tol-yloxy-acetamide</p> <p>6081107 $C_{14}H_{19}NO_3$</p>

Figure 13-11

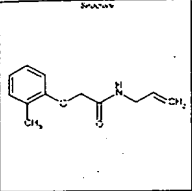
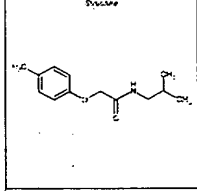
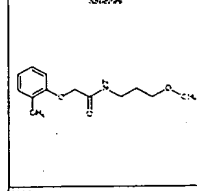
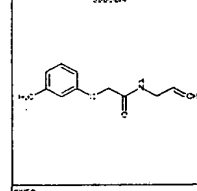
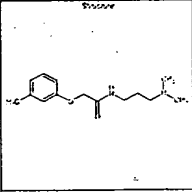
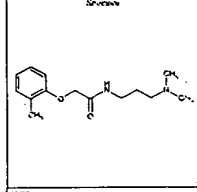
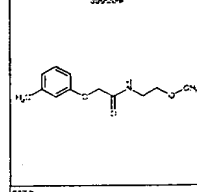
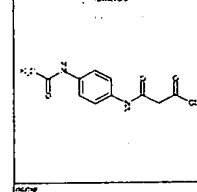
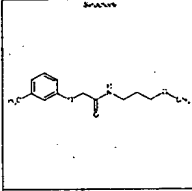
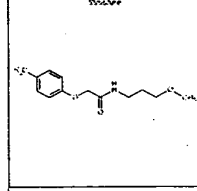
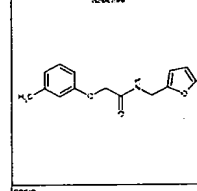
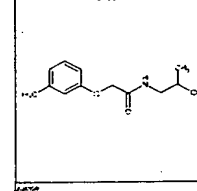
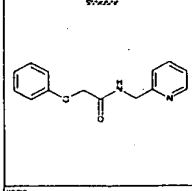
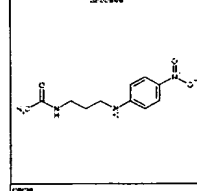
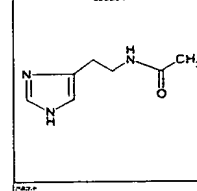
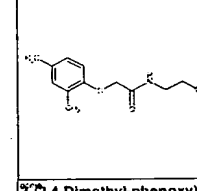
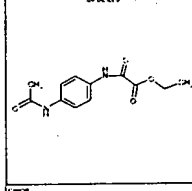
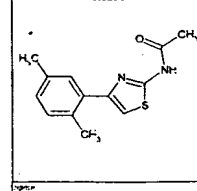
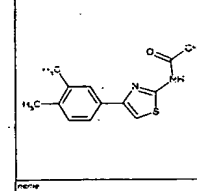
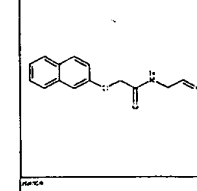
 <p>NAME N-Allyl-2-o-tolyloxy-acetamide</p> <p>ID 6081805 Formula C₁₂H₁₅NO₂</p>	 <p>NAME N-Isobutyl-2-p-tolyloxy-acetamide</p> <p>ID 6082132 Formula C₁₃H₁₉NO₂</p>	 <p>NAME N-(3-Methoxy-propyl)-2-o-tolyloxy-acetamide</p> <p>ID 6084617 Formula C₁₃H₁₉NO₃</p>	 <p>NAME N-Allyl-2-m-tolyloxy-acetamide</p> <p>ID 6085276 Formula C₁₂H₁₅NO₂</p>
 <p>NAME N-(3-Dimethylamino-propyl)-2-m-tolyloxy-acetamide</p> <p>ID 6085715 Formula C₁₄H₂₃N₂O₂</p>	 <p>NAME N-(3-Dimethylamino-propyl)-2-o-tolyloxy-acetamide</p> <p>ID 6088320 Formula C₁₄H₂₃N₂O₂</p>	 <p>NAME N-(2-Methoxy-ethyl)-2-m-tolyloxy-acetamide</p> <p>ID 6089795 Formula C₁₂H₁₇NO₃</p>	 <p>NAME N-(4-Acetylamino-phenyl)-3-oxo-butamide</p> <p>ID 6091016 Formula C₁₂H₁₄N₂O₃</p>
 <p>NAME N-(3-Methoxy-propyl)-2-m-tolyloxy-acetamide</p> <p>ID 6091675 Formula C₁₃H₁₉NO₃</p>	 <p>NAME N-(3-Methoxy-propyl)-2-p-tolyloxy-acetamide</p> <p>ID 6093568 Formula C₁₃H₁₉NO₃</p>	 <p>NAME N-Furan-2-ylmethyl-2-m-tolyloxy-acetamide</p> <p>ID 6094336 Formula C₁₄H₁₅NO₃</p>	 <p>NAME N-Isobutyl-2-m-tolyloxy-acetamide</p> <p>ID 6095380 Formula C₁₃H₁₉NO₂</p>
 <p>NAME 2-Phenoxy-N-pyridin-2-ylmethyl-acetamide</p> <p>ID 6096854 Formula C₁₄H₁₄N₂O₂</p>	 <p>NAME N-[3-(4-Nitro-phenylamino)-propyl]-acetamide</p> <p>ID 6098516 Formula C₁₃H₁₆N₂O₃</p>	 <p>NAME Nw-Acetylhistamine</p> <p>ID 61 Formula C₇H₁₁N₃O</p>	 <p>NAME N-(2,4-Dimethyl-phenoxy)-N-(2-hydroxy-ethyl)-acetamide</p> <p>ID 6120704 Formula C₁₂H₁₇NO₃</p>
 <p>NAME N-(4-Acetylamino-phenyl)-oxalamic acid ethyl ester</p> <p>ID 6127010 Formula C₁₂H₁₄N₂O₆</p>	 <p>NAME N-[4-(2,5-Dimethyl-phenyl)-thiazol-2-yl]-acetamide</p> <p>ID 6131496 Formula C₁₃H₁₄N₂OS</p>	 <p>NAME N-[4-(3,4-Dimethyl-phenyl)-thiazol-2-yl]-acetamide</p> <p>ID 6131723 Formula C₁₃H₁₄N₂OS</p>	 <p>NAME N-Allyl-2-(naphthalen-2-yl)-oxy-acetamide</p> <p>ID 6139453 Formula C₁₉H₁₉NO₂</p>

Figure 13-12

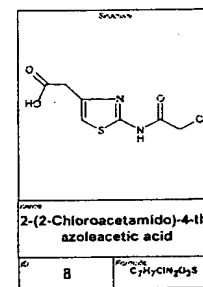
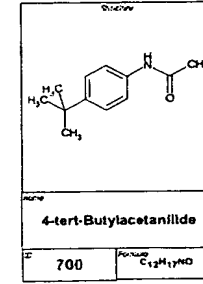
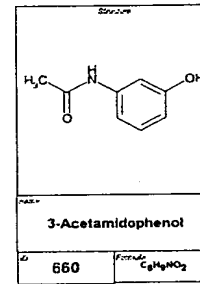
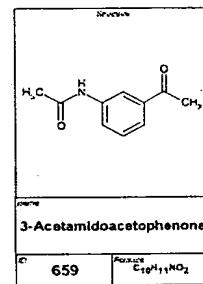
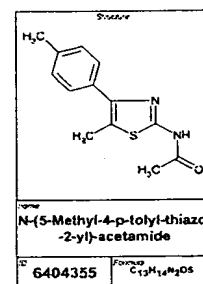
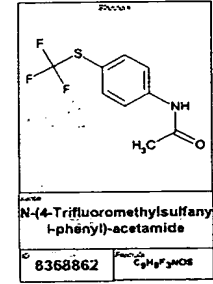
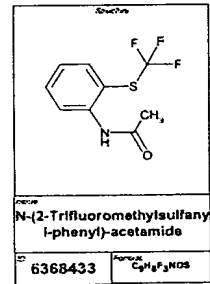
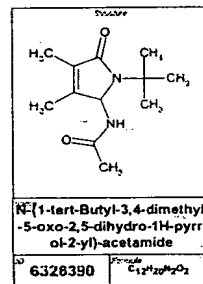
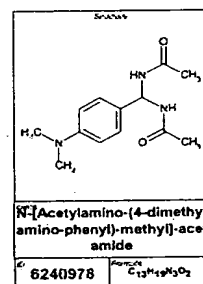
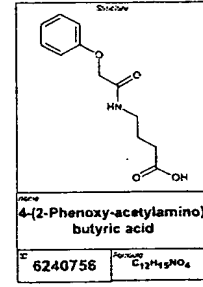
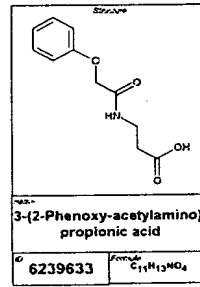
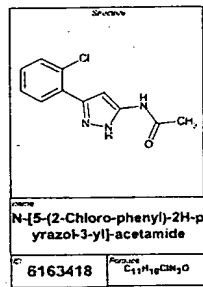
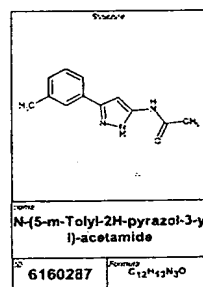
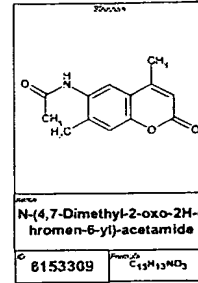
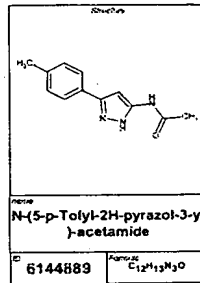
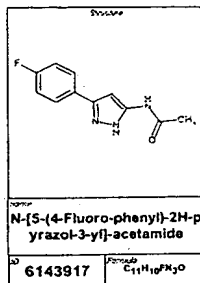
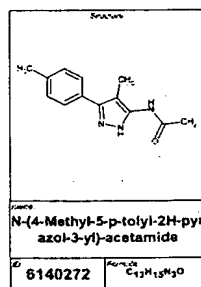


Figure 13-13